FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO ExxonMobil Pipeline Company

AUTHORIZING THE OPERATION OF
ExxonMobil Irving Terminal
Petroleum Bulk Stations and Terminals

LOCATED AT

Dallas County, Texas Latitude 32° 50' 16" Longitude 96° 56' 18" Regulated Entity Number: RN100212984

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:	02/5/	issuance Date:	August 24, 2015	
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For the Co	mmission			

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

- 1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts ZZZZ and BBBBBB as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

- 113, Subchapters C, § 113.1090 and § 113.1370, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
 - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.541(a) (c) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
 - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iv) Title 30 TAC § 115.542(b) (d), (relating to Control Requirements)
 - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
 - (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections

- (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (ix) Title 30 TAC § 115.544(b)(2)(A) (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (xi) Title 30 TAC § 115.544(c), and (c)(1) (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xii) Title 30 TAC § 115.545(1) (7), (9) (11) and (13) (relating to Approved Test Methods)
- (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xvi) Title 30 TAC § 115.547(4) (relating to Exemptions)
- (xvii) Title 30 TAC § 115.549(b) (relating to Compliance Schedules)
- 4. The permit holder shall comply with the following requirements of 30 TAC Chapter 117:
 - A. For stationary reciprocating engines exempt from Subchapter D, Division 2 at minor sources of NO_x under 30 TAC § 117.2103, the permit holder shall comply with 30 TAC §§ 117.2130(c), 117.2135(e), and 117.2145(b) and (c).
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

- F. Title 40 CFR § 60.14 (relating to Modification)
- G. Title 40 CFR § 60.15 (relating to Reconstruction)
- H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. For the bulk gasoline terminals specified in 40 CFR Part 60, Subpart XX, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 60.502(e) (f) (relating to Standard for VOC Emissions from Bulk Gasoline Terminals)
 - B. Title 40 CFR § 60.505(a) (b), and (d) (relating to Reporting and Recordkeeping)
- 7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 8. For the bulk gasoline terminals specified in 40 CFR Part 63, Subpart R, the permit holder shall comply with 40 CFR § 63.420(a)(2) (Title 30 TAC Chapter 113, Subchapter C, § 113.230 incorporated by reference).
- 9. For each bulk gasoline terminal specified in 40 CFR Part 63, Subpart BBBBBB, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1370 incorporated by reference):
 - A. Title 40 CFR § 60.502(e) (f), as required by Title 40 CFR § 63.11088(a)
 - B. Title 40 CFR § 63.11085(a), for operation and maintenance of the affected source
 - C. Title 40 CFR § 63.11089(a), for leak inspections at the facility
 - D. Title 40 CFR § 63.11089(b) and (c), for log book maintenance and recordkeeping
 - E. Title 40 CFR § 63.11089(d), for delay of repair
 - F. Title 40 CFR § 63.11092(f) and (f)(1), for annual certification of gasoline cargo tanks
 - G. Title 40 CFR § 63.11093(a), for Initial Notification
 - H. Title 40 CFR § 63.11093(b), for Notification of Compliance Status
 - I. Title 40 CFR § 63.11094(d), for recordkeeping
 - J. Title 40 CFR § 63.11094(e), for recordkeeping
 - K. Title 40 CFR § 63.11094(g), for recordkeeping
 - L. Title 40 CFR § 63.11095(a), (a)(3), (b), (b)(5) and (d), for reporting

Additional Monitoring Requirements

10. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:

- A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
- B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
- D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
- E. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
- 11. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

- 12. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
- 13. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

14. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

- 15. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
- 16. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
- 17. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Protection of Stratospheric Ozone

- 18. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.
 - C. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 82.166 and the applicable Part 82 Appendices.

Permit Location

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

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Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
698	STORAGE TANKS/VESSELS	N/A	R5112-DSL	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
FRESHOIL	STORAGE TANKS/VESSELS	N/A	R5112-ADD	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GEN2	SRIC ENGINES	N/A	60JJJJ-GEN	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GEN2	SRIC ENGINES	N/A	63ZZZZ-GEN	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP VENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	1091, 1120, 1131, 697, 698, 699, 700, 701, 7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910, 800, 802, 803, 804, 920, 982, FRESHOIL, LOAD, PROVERTK, USEDOIL	R111-VENT	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-T1	STORAGE TANKS/VESSELS	1091, 1120, 1131, 697, 699, 700, 701, 920, 982	R5112-GAS-IFR	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-T1	STORAGE TANKS/VESSELS	1091, 1120, 1131, 697, 699, 700, 701, 920, 982	63BBBBBB	40 CFR Part 63, Subpart BBBBBB	No changing attributes.
GRP-T2	STORAGE TANKS/VESSELS	7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910	R5112-ADD	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRP-T3	STORAGE TANKS/VESSELS	800, 802	R5112-UNDGR	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
LOAD	LOADING/UNLOADING	N/A	R51211-VRU	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	OPERATIONS			Loading and Unloading of VOC	
LOAD	LOADING/UNLOADING OPERATIONS	N/A	60XX-VRU	40 CFR Part 60, Subpart XX	No changing attributes.
LOAD	LOADING/UNLOADING OPERATIONS	N/A	63BBBBBB	40 CFR Part 63, Subpart BBBBBB	No changing attributes.
PROVERTK	STORAGE TANKS/VESSELS	N/A	R5112-PROV	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
USEDOIL	STORAGE TANKS/VESSELS	N/A	R5112-ADD	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
698	EU	R5112-DSL	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	§ 115.117(8)	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
FRESHOIL	EU	R5112- ADD	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	§ 115.117(8)	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GEN2	EU	60JJJJ- GEN	СО	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 100 HP and less than 130 HP and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 387 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)
GEN2	EU	60JJJJ- GEN	HC and NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table1 § 60.4234 § 60.4243(b) § 60.4243(b)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than or equal to 100 HP and less than 130 HP and were manufactured on or after 01/01/2009 must comply with an HC+NO _x emission limit of 10 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	[G]§ 60.4245(e)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GEN2	EU	63ZZZZ- GEN	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRP VENT	EP	R111- VENT	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six-minute period for any source on which construction was begun after January 31, 1972. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-T1	EU	R5112- GAS-IFR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(2) § 115.112(e)(2)(A) § 115.112(e)(2)(B) § 115.112(e)(2)(C) § 115.112(e)(2)(D) § 115.112(e)(2)(F) [G]§ 115.112(e)(2)(I) § 115.114(a)(1)(A)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.114(a)(1) § 115.114(a)(1)(A) § 115.117(8)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
GRP-T1	EU	63BBBBBB	112(B) HAPS	40 CFR Part 63, Subpart BBBBBB	§ 63.11087(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart BBBBBB
GRP-T2	EU	R5112- ADD	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	§ 115.117(8)	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRP-T3	EU	R5112- UNDGR	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of	§ 115.117(8) ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.			
LOAD	EU	R51211- VRU	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.211(1) § 115.212(a)(3)(A) § 115.212(a)(3)(A)(i) § 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(3)(E) § 115.212(a)(4)(A) § 115.212(a)(4)(B) § 115.212(a)(4)(C) § 115.214(a)(1)(B) § 115.214(a)(1)(C)	Gasoline terminals, in the covered non-attainment counties, shall ensure that VOC emissions do not exceed 0.09 lb/1,000 gal (10.8 mg/liter) of gasoline loaded into transport vessels.	\$ 115.212(a)(3)(B) [G]§ 115.212(a)(3)(C) § 115.212(a)(4)(C) § 115.214(a)(1)(A) § 115.214(a)(1)(A)(ii) § 115.214(a)(1)(A)(iii) § 115.214(a)(2) § 115.215 § 115.215(1) § 115.215(1) [G]§ 115.215(2) § 115.215(4) § 115.215(6) § 115.215(6) § 115.215(9) § 115.216(1)(A)	§ 115.216 § 115.216(1) § 115.216(1)(A) § 115.216(1)(A)(iii) § 115.216(2) § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(A)(iii) § 115.216(3)(B) [G]§ 115.216(3)(E)	None
LOAD	EU	60XX-VRU	TOC	40 CFR Part 60, Subpart XX	§ 60.502(a) § 60.502(b) § 60.502(d) § 60.502(g)	Each bulk gasoline terminal facility shall be equipped with a vapor collection system designed to collect	§ 60.502(j) § 60.503(a) § 60.503(b) § 60.503(c)(1)	§ 60.502(j) § 60.503(c)(4) § 60.503(d)(2) [G]§ 60.505(c)	[G]§ 60.505(e)

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.502(h) § 60.502(i)	trucks during product loading.	§ 60.503(c)(3) § 60.503(c)(4) § 60.503(c)(5)(ii) § 60.503(c)(6) § 60.503(c)(7) § 60.503(d) § 60.503(d)(1) § 60.503(d)(2) ** See CAM Summary	[G]§ 60.505(e)	
LOAD	EU	63BBBBBB	112(B) HAPS	40 CFR Part 63, Subpart BBBBBB	§ 63.11088(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart BBBBBB	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart BBBBBB
PROVERTK	EU	R5112- PROV	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.117(8) ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
USEDOIL	EU	R5112- ADD	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	()	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary	20
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CAM Summary

Unit/Group/Process Information			
ID No.: LOAD			
Control Device ID No.: VRU1	Control Device Type: Carbon Adsorption System (Regenerative)		
Control Device ID No.: VRU2	Control Device Type: Carbon Adsorption System (Regenerative)		
Applicable Regulatory Requirement			
Name: 30 TAC Chapter 115, Loading and Unloading of VOC	SOP Index No.: R51211-VRU		
Pollutant: VOC	Main Standard: § 115.211(1)		
Monitoring Information			
Indicator: VOC Concentration			
Minimum Frequency: Four times per hour			
Averaging Period: Six-hour period			
Deviation Limit: Maximum VOC concentration = 8,000 ppm propane			
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the concentration of organic compounds in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B.			

CAM Summary

Unit/Group/Process Information			
ID No.: LOAD			
Control Device ID No.: VRU1	RU1 Control Device Type: Carbon Adsorption System (Regenerative)		
Control Device ID No.: VRU2	Control Device Type: Carbon Adsorption System (Regenerative)		
Applicable Regulatory Requirement			
Name: 40 CFR Part 60, Subpart XX	SOP Index No.: 60XX-VRU		
Pollutant: TOC	Main Standard: § 60.502(a)		
Monitoring Information			
Indicator: VOC Concentration			
Minimum Frequency: Four times per hour			
Averaging Period: Six-hour period			
Deviation Limit: Maximum VOC concentration = 8,000 ppm propane			
CAM Text: Use a continuous emission monitoring system (CEMS) to measure and record the concentration of organic compounds in the exhaust stream of the control device. The CEMS shall be operated in accordance with the monitoring requirements of 40 CFR § 60.13 and the performance specifications of 40 CFR Part 60, Appendix B.			

Unit/Group/Process Information		
ID No.: GRP-T3		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs SOP Index No.: R5112-UNDGR		
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		
Deviation Limit: It is a deviation if repairs are not completed prior to refilling the storage vessel when the structural integrity of the fill pipe is in question.		
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each		

Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.

Unit/Group/Process Information		
ID No.: GRP-T3		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs SOP Index No.: R5112-UNDGR		
Pollutant: VOC Main Standard: § 115.112(e)(1)		
Monitoring Information		
Indicator: Record of Tank Construction Specifications		
Minimum Frequency: n/a		
Averaging Period: n/a		
Deviation Limit: It is a deviation if there are no records of tank construction specifications as described in the periodic monitoring text.		
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2)		

Unit/Group/Process Information		
ID No.: PROVERTK		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs SOP Index No.: R5112-PROV		
ollutant: VOC Main Standard: § 115.112(e)(1)		
Monitoring Information		
Indicator: Structural Integrity of the Pipe		
Minimum Frequency: Emptied and degassed		
Averaging Period: n/a		
Deviation Limit: It is a deviation if repairs are not completed prior to refilling the storage vessel when the structural integrity of the fill pipe is in question.		

Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.

Unit/Group/Process Information		
ID No.: PROVERTK		
Control Device ID No.: N/A	Control Device Type: N/A	
Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of VOCs SOP Index No.: R5112-PROV		
Pollutant: VOC	Main Standard: § 115.112(e)(1)	
Monitoring Information		
Indicator: Record of Tank Construction Specifications		
Minimum Frequency: n/a		
Averaging Period: n/a		
Deviation Limit: It is a deviation if there are no records of tank construction specifications as described in the periodic monitoring text.		
Details Marketing Test (Konservation Lands) and a street of the control of the control of the Conservation (Conservation Conservation C		

Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.

Permit Shield		
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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
698	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction, or modification commenced prior to June 11, 1973
698	N/A	40 CFR Part 63, Subpart BBBBBB	Tank does not store gasoline
698	N/A	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
803	N/A	30 TAC Chapter 115, Water Separation	Fully covered separator used solely to capture stormwater, spills, or exterior surface cleanup waters
803	N/A	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
803	N/A	40 CFR Part 63, Subpart VV	Not required by another applicable standard
804	N/A	30 TAC Chapter 115, Water Separation	Fully covered separator used solely to capture stormwater, spills, or exterior surface cleanup waters
804	N/A	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
804	N/A	40 CFR Part 63, Subpart VV	Not required by another applicable standard
GRP-T1	1091, 1120, 1131, 697, 699, 700, 701, 920, 982	40 CFR Part 60, Subpart K	Construction, reconstruction, or modification commenced prior to June 11, 1973
GRP-T1	1091, 1120, 1131, 697, 699, 700, 701, 920, 982	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
GRP-T2	7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75m3
GRP-T2	7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910	40 CFR Part 63, Subpart BBBBBB	Tank does not store gasoline
GRP-T2	7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/G	Group/Process	Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRP-T3	800, 802	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75m3
GRP-T3	800, 802	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
LOAD	N/A	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP
PROVERTK	N/A	40 CFR Part 60, Subpart K	Construction, reconstruction, or modification commenced prior to June 11, 1973
PROVERTK	N/A	40 CFR Part 63, Subpart R	Located at a facility which is minor for HAP

New Source Review Authorization References

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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.		
Authorization No.: 48243	Issuance Date: 03/29/2019	
Permits By Rule (30 TAC Chapter 106) for the	Application Area	
Number: 106.102	Version No./Date: 09/04/2000	
Number: 106.122	Version No./Date: 09/04/2000	
Number: 106.227	Version No./Date: 09/04/2000	
Number: 106.261	Version No./Date: 09/04/2000	
Number: 106.261	Version No./Date: 11/01/2003	
Number: 106.263	Version No./Date: 11/01/2001	
Number: 106.454	Version No./Date: 11/01/2001	
Number: 106.472	Version No./Date: 09/04/2000	
Number: 106.473	Version No./Date: 09/04/2000	
Number: 106.511	Version No./Date: 09/04/2000	

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization	
1091	TANK 1091	48243, 106.261/09/04/2000	
1120	TANK 1120	48243, 106.261/09/04/2000	
1131	TANK 1131	48243, 106.261/09/04/2000	
697	TANK 697	48243, 106.261/09/04/2000, 106.472/09/04/2000	
698	TANK 698	48243, 106.261/09/04/2000, 106.472/09/04/2000	
699	TANK 699	48243, 106.261/09/04/2000	
700	TANK 700	48243, 106.261/09/04/2000	
701	TANK 701	48243, 106.261/09/04/2000	
7840	TANK 7840	48243	
7850	TANK 7850	48243	
7860	TANK 7860	48243	
7870	TANK 7870	48243	
7880	TANK 7880	48243	
7890	TANK 7890	48243	
7900	TANK 7900	48243	
7910	TANK 7910	48243	
800	TANK 800	48243	
802	TANK 802	48243	
803	OIL WATER SEPARATOR	106.473/09/04/2000	
804	OIL WATER SEPARATOR	106.473/09/04/2000	
920	TANK 920	48243, 106.261/09/04/2000	

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
982	TANK 982	48243, 106.261/09/04/2000
FRESHOIL	FRESH OIL TANK	106.472/09/04/2000
GEN2	GENERATOR 2	106.511/09/04/2000
LOAD	LOADING RACK	48243
PROVERTK	METER PROVER TANK	48243
USEDOIL	USED OIL TANK	106.472/09/04/2000

	Appendix A	
Acronym List		34

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
	Beaumont/Port Arthur (nonattainment area)
CAM	
	control device
	continuous opacity monitoring system
CVS	closed-vent system
D/FW	
DR	Designated Representative
	El Paso (nonattainment area)
	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
	grandfathered
gr/100 scf	grains per 100 standard cubic feet
	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
	hydrogen sulfide
ID No	identification number
lb/hr	pound(s) per hour
MMBtu/hr	Million British thermal units per hour
MRRT	monitoring, recordkeeping, reporting, and testing
NA	nonattainment
N/A	not applicable
	National Allowance Data Base
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
	New Source Review
	Office of Regulatory Information Systems
	lead
	Permit By Rule
PM	particulate matter
	parts per million by volume
	prevention of significant deterioration
	Responsible Official
SO ₂	sulfur dioxide
	Texas Commission on Environmental Quality
TSP	total suspended particulate
	true vapor pressure
U.S.C	United States Code
VOC	volatile organic compound